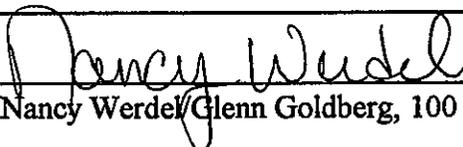
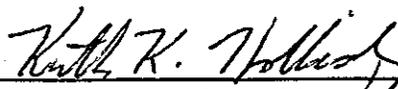
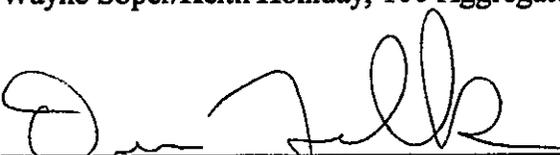
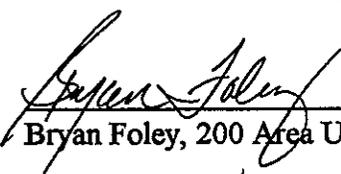


Meeting Minutes Transmittal/Approval
Unit Manager's Meeting: Remedial Action Unit/Source Operable Units
3350 George Washington Way, Room 2B45, Richland, Washington
February 15, 1996

FROM/APPROVAL:  Date 3/8/96
 Nancy Werdel/Glenn Goldberg, 100 Area Unit Managers, RL (H0-12)

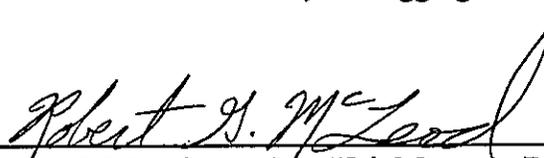
APPROVAL:  Date 10-1-96
 Wayne Soper/Keith Holliday, 100 Aggregate Area Unit Managers, Ecology (B5-18)

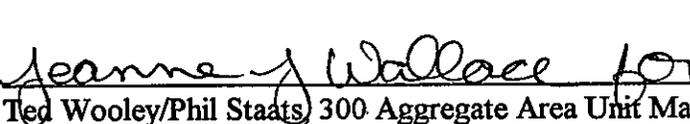
APPROVAL:  Date 10-1-96
 Dennis Faulk/Kevin Oats, 100 Aggregate Area Unit Managers, EPA (B5-01)

APPROVAL:  Date 4/12/96
 Bryan Foley, 200 Area Unit Manager, RL (H0-12)

APPROVAL: N/A  Date 10/1/96
 Gary Feedman/Norman Hepner, 200 Aggregate Area Unit Managers, Ecology (B5-18)

APPROVAL:  Date 4-11-96
 David Einan/Paul Beaver, 200 Aggregate Area Unit Managers, EPA (B5-01)

APPROVAL:  Date 4-11-96
 Robert McLeod, 300 Area Unit Manager, RL (H0-12)

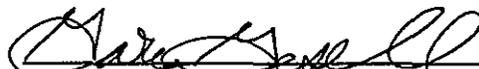
APPROVAL:  Date 4/18/96
 Ted Wooley/Phil Staats, 300 Aggregate Area Unit Managers, Ecology (B5-18)

APPROVAL:  Date 11 Apr 96
 David Einan, 300 Aggregate Area Unit Manager, EPA (B5-01)

Meeting Minutes are attached. Minutes are comprised of the following:

| | | |
|---------------|---|---|
| Attachment #1 | - | Meeting Summary/Summary of Commitments and Agreements |
| Attachment #2 | - | Agenda |
| Attachment #3 | - | Attendance Sheet |
| Attachment #4 | - | Status Package |
| Attachment #5 | - | 200 Area Status |
| Attachment #6 | - | 300-FF-1 Status |

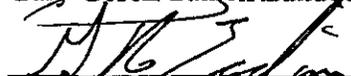
Prepared by:



Gary Gesell/Tamen Lundquist (H0-17)

Date 10/1/96

Concured by:



Greg Eidam, BHI Remedial Action Projects Manager (H0-17)

Date 10/1/96

Unit Managers' Meeting Minutes - 02/15/96

General Information

- Ecology was not represented at the 100 Area meeting.
- January meeting minutes were signed for the 300 Area.
- Review of Remedial Action Status Package: no change.
- The 100-IU-1, -3, -4, and -5 ROD were signed by the Tri-Parties; a press release was issued; and DOE also notified the Tribes. The process of deleting operable units from the NPL is expected to begin.
- Dave Einan and Bob McLeod signed the meeting minutes for the 300-FF-2 Groundwater Sampling discussions, which were held on January 24 and February 8, 1996.
- Regarding the October 1995 meeting minutes: Because too many people were listed (which makes it difficult to get signatures), it was suggested to only list each areas respective task lead (100, 200, 300 Areas).
- Bob McLeod will be away on training from mid-April to mid-May; Randy Brich will fill in during Bob's absence.

Action: Have addendum sheets distributed.

100 Areas

100-IU-2 and 100-IU-6

- A decision must be made as to how decisions on these OUs will be administered; it was suggested that they could be managed outside of RCRA/CERCLA programs as a state-administered action.
- The EPA and Ecology must decide what should be done to address waste sites in 100-IU-2 and 100-IU-6, particularly the next steps for the focus package (work plan).
- The ERC believes that work plans have to go out for public comment; the EPA stated that the NCP does not require it, but the current Tri-Party Agreement does require it.

- The EPA suggested that the work plans (including IU-2/6 focus package) should not be submitted for public comment. This recommendation will be sent out as part of the revisions to the community relations plan.
- The EPA said they plan to revise the Tri-Party Agreement such that a public comment period is no longer needed for work plans. A revision to the Community Relations Plan has already been proposed.
- There is a lack of consistency between the regulator's 100 Areas ROD strategy letter and the 100-IU-2 and 100-IU-6 Operable Unit project strategy; this must be resolved/addressed.

100 Area Remaining Sites

- The 100-FR-2 is the only reactor area operable unit that does not have an officially-approved work plan (i.e., public comment).
- It was suggested to do an Explanation of Significant Difference (ESD) around June 1996, which may add another 50 sites to the current 100 Area ROD (this came from the ROD strategy letter). This could also be a vehicle to reconcile inconsistencies in the work plans.

116-F-4 Excavation Treatability Test Report

- Records indicate that the 1994 Draft A report was not finalized; the report needs to be referenced in an upcoming document. Ecology and EPA said they are satisfied with the report and requested that DOE generate Rev. 0 of the document.
- It is unknown whether the final report indicates if the hole is clean enough to meet the September 1995 ROD standards. This will be addressed during the F-Area remediation.
- It must be decided as to how ERDF will receive IDW waste; is a CERCLA generated-decision document needed? If so, an ESD is the most likely regulatory vehicle to dispose at ERDF.

100-B/C

- The RFP (13 copies) was sent to the bidders on February 15, 1996. Copies were provided to DOE, EPA, and Ecology.
- The EPA will accept the ERC and DOE invitation to attend the bidders conference; a meeting will be held at 8:00 a.m. on February 27.

Investigative Derived Waste (IDW)

- Disposal of IDW should be addressed in a holistic manner.
- A milestone may be requested to develop a strategy on how to best manage IDW, including transport to ERDF. From a technical perspective, the objective/goal is to meet the ERDF waste-acceptance criteria.
 - Currently F-listed waste cannot be accepted by ERDF unless LDRs have been satisfied.
 - The following was conveyed to the attendees: The EPA recommended that DOE send a letter to EPA and Ecology detailing why they believe a contained-in determination is appropriate for F-listed waste. The EPA stated that their Region X expert cannot approve a contained-in determination without first seeing DOE's records regarding CCl₄ waste.
- New IDW should go to ERDF immediately.
- For ERDF disposal, the IDW must be addressed in a CERCLA-decision document.

Action Item

The DOE will investigate the IDW issues/problems; the DOE will also make a proposal to the regulators so that a Tri-Party Agreement milestone for an IDW strategy will not be necessary.

200 Areas

200 Area Strategy Status and BP-11 Status

- The IAMIT team met and they came up with the following resolution: conduct a workshop with the Tri-Parties to provide input to a 200 Areas RA strategy.
- The workshop will take place in March. Some of the topics that will be discussed/identified are as follows: assumptions and constraints; how to group waste sites into a limited number of groups; place \$500,000 in the FY 1998 ADS for characterization; do not issue the work plan for public review at this time.
- Joan needs to report back to the IAMIT team on February 27.

- A preworkshop meeting will be held with the regulators to see who/what will be on the team.

300 Area

300-FF-1 and 300-FF-5 Operable Units

Proposed Plan

- The public comment period closed on February 9, 1996.
- No other new comments were received.
- Comments that have been received are being reviewed for (1) resolution and (2) potential impact to the remedial design schedule.
- Dr. Wells from the Department of Health is sending written comments after the public review period is closed.

Record of Decision

- A question was raised as to what level of support will be required to EPA by RL in preparing the ROD.
- The EPA requested electronic versions of RI/FS documents to support preparation of the ROD. Rich Carlson will supply the documents.
- RL offered to prepare the first draft of the ROD. The draft copy needs to be completed by the end of March 1996 to stay on schedule.
- The schedule provides 66 days for ROD preparation and issue by May 14, 1996.
- The EPA will shoot for a draft ROD by April 1, 1996.
- The EPA was concerned as to whether it is necessary to consult with DOE-HQ before making a decision. Sally Robison of DOE-HQ would sign the ROD.
- During the last HAB meeting, the HAB indicated it could endorse the 300-FF-5 preferred alternative of institutional controls, knowing that the effectiveness of the remediation will be reviewed periodically and could be revised later, if necessary.

Remedial Design Status

- Bids were received and the bid evaluation is almost complete.
- The DOE provided notice to proceed with the remedial design subcontract award upon completion of the technical evaluation.
- When the RD subcontract schedule is finalized, the DOE will provide it to the regulators, which will outline when the 30, 60, 90% design review periods are scheduled.
- February 28 was tentatively scheduled to discuss the 300 Area remedial design report and remedial action work plan.

300-FF-2

Status of Work Plan Development Activities

- The Tri-Party Agreement Change Control Form (M-13-95-02) that directs the ERC to cease work on finalization of the work plan and proceed directly to preparation of the Limited Field Investigation (LFI) report is being routed for approvals. Written direction was received from RL on January 26, directing the ERC to proceed with the LFI report pending formal approval of the Change Control Form.
- A schedule based on the draft outline for the 300-FF-2 LFI report has been prepared. Based on discussions associated with the Tri-Party Agreement Change Control Form, a Tri-Party Agreement Milestone (M-15-23A) to deliver the LFI report to the regulators for review has been established for September 30, 1996. This schedule now reflects a DOE review before the regulator review.
- The *Summary of the 300-FF-2 Operable Unit Data Quality Objective Process*, BHI-00601, was approved by RL and the regulators on January 23. The document was issued and provided to RL on January 26 for distribution.

Field Activities

- Additional meetings to discuss the plan for the second round of groundwater sampling were held on January 24 and February 8. It was agreed that the next round of sampling near the 618-11 burial ground would be a repeat of the first round. After further discussions relative to well 699-S6-E4A, it was agreed that the workscope for the next round of sampling at the 316-4 Crib/618-10 burial ground area would include installation and sampling of groundwater from four cone penetrometer borings placed around the 316-4 Crib area. This would also include an additional sampling from well 699-S6-E4A.

The analyte list for samples collected from this area will be expanded to an Appendix IX-like list of analytes. Preparations are underway to perform this sampling during March 1996.

Information Items

- A Tri-Party Agreement Change Control Form (C-96-01) has been approved to move the 618-5 burial ground from the 300-FF-1 Operable Unit to the 300-FF-2 Operable Unit. The status of the 618-5 burial ground will be included in the 300-FF-2 LFI report.
- Per the Tri-Party Agreement Change Control Form (M-13-95-02) being processed, the focused feasibility study and proposed plan will be deferred until the 618-4 burial ground excavation in the 300-FF-1 Operable Unit is completed. A new Tri-Party Agreement Milestone (M-15-23B) to deliver these documents to the regulators for review has been established for July 31, 1999.

Forecasted Activities

Conduct Round 2 Groundwater Sampling - March 1996

Provide draft LFI report for regulator review - September 30, 1996

REMEDIAL ACTION UNIT MANAGER'S MEETING AGENDA

Thursday, February 15, 1996
3350 George Washington Way, Room 1B45

1:00 ERC Long Range Place Briefing

1:20 Review of RA Status Package

1:30 **100 Area**

IU-2 and IU-6 Focus Package
116-F-4 Excavation Treatability Test Report
Remedial Action Contractor RFP Status
Open Discussion

2:15 **300 Area**

Public Comment Status
Detailed Design Contractor Status
Open Discussion

3:00 **200 Area**

BP-11 Dispute Resolution Status
200 Area Strategy Status
Barrier Focused Feasibility Study
Open Discussion

STATUS PACKAGE

FEBRUARY UNIT MANAGERS' MEETING

SOURCE OPERABLE UNITS

100-B/C, 100-K, 100-D, 100-H, 100-F

200 AREAS

300 AREA

prepared by

DOE-RL

100 AREAS

Focused Feasibility Studies and Proposed Plans

100 Area Remaining Sites FFS - Field visits (walk downs) of low-priority waste sites with the U.S. Department of Energy (DOE), Richland Operations Office (RL) and regulators occurred in December for the 100-D, 100-H, 100-K and 100-F Reactor Areas, completing this phase of the project. Draft data summary tables containing preliminary site disposition recommendations were completed for all 250 waste sites. The data and recommendations presented in the draft tables are based on historical site process information, site "walkdowns," and internal discussions with the project team and select senior reviewers. An agency review meeting to discuss the summary tables and proposed site disposition criteria is scheduled for February 14, 1996.

100-IU-1/-3/-4/-5 PP - Consolidated Environmental Restoration Contractor (ERC) DOE comments on the draft Record of Decision (ROD) for 100-IU-1, 100-IU-3, 100-IU-4, and 100-IU-5 were provided to the Washington State Department of Ecology (Ecology) on November 20, 1995. All comments were satisfactorily resolved, except for one regarding the National Priorities List (NPL) status of 100-IU-3 (Wahluke Slope). A Tri-Party Agreement change was subsequently approved, designating all 39 of the waste sites that were addressed in the ROD as NPL-listed sites. A final draft of the ROD is now being reviewed. Signing of the ROD is anticipated in the next few weeks.

100-IU-2 and 100-IU-6 - A meeting was held with EPA in November to come to agreement on the proposed actions and to eliminate sites from the *Comprehensive Environmental Response, Compensation and Liability Act* process. It was agreed that there are no interim remedial measures (IRM) candidate sites at these operable units (OU), and that disposition of the low-priority sites should be delayed until future land use is decided. This decision will mean that no limited field investigation (LFI), qualitative risk assessment (QRA), focused feasibility study (FFS), or proposed plan (PP) documents will be needed at this time, or at all if the land use remains in DOE-RL control. A Focus Package, documenting the proposed dispositions of the sites, has been prepared and reviewed by RL, EPA, and ERC. Comments are currently being incorporated, and Rev. 0 is expected to be issued in mid-February. The public comment period needs to be scheduled.

100-KR-1/100-KR-2/100-FR-1/100-FR-2/100-BC-2 - Work has been suspended on FFSs and PPs for these OUs since receiving a letter from EPA, dated October 20, 1995, requesting RL to stop work on these documents. The request to stop work was made in anticipation of reaching a *Hanford Federal Facility Agreement and Consent Order* (Tri-Party Agreement) in the near future to address remaining waste sites in the 100 Areas on a 100-Area-wide basis, rather than on an operable-unit-specific basis.

100-DR-2/100-HR-2 - Work has been suspended on FFSs and PPs for these OUs since receiving a letter from Ecology, dated November 29, 1995, requesting RL to stop work on these documents. The request to stop work was made in anticipation of reaching a Tri-Party Agreement in the near future to address remaining waste sites in the 100 Areas on a 100-Area-wide basis, rather than on an operable-unit-specific basis.

Treatability Studies

Rock Screening - The treatment test to evaluate volume reduction using screening techniques based on physical properties (particle size) was completed in December 1995. The data has been reviewed and a report will be issued in February 1996.

B/C Demonstration Project

100-BC-1 ERA - The ERA report has been started and the initial draft is expected to be out for review in February. The verification package for 116-B-4 is nearing completion and will be available for DOE and regulatory concurrence in February.

B/C Area

Group 1 Remedial Design - Detailed design is essentially complete for the sites in 100-BC-1 (116-B-1, 116-B-11, 116-B-13, 116-B-14, 116-C-1, 116-C-5, and the BC pipelines) and is continuing for the two sites in 100-DR-1 (116-D-1A, 116-D-1B), and one site in 100-HR-1 (116-H-1). The Draft Remedial Design Report/Remedial Action Work Plan is near completion and will be available for review in February.

200 AREAS**200-UP-2 Operable Unit**

200-UP-2 FFS - The ERC comments on the FFS are being incorporated. The document will be available for a concurrent DOE and regulator review starting February 12, 1996. A presentation for DOE and the regulators on the 200-UP-2 FFS is planned for February 12, 1996. Preparation of the PP has been initiated.

Barrier FFS - Modifications to the document are ongoing to adjust the ARAR discussion. The addition of information on the Standard RCRA C Barrier is complete. The document will be available for regulator review starting February 12, 1996.

200-BP-11 Operable Unit

200-BP-11 Work/Closure Plan - The schedule to implement Volume 1 of the *200-BP-11 Operable Unit RFI/CMS and 216-B-3 Main Pond, 216-B-63 Trench, and 216-A-29 Ditch Work/Closure Plan* (DOE/RL-93-74, Draft B) continues to be negotiated amongst Ecology, ERC, and DOE-RL. This issue has been elevated to formal dispute resolution and is before the Tri-Parties Inter-Agency Management Integration Team (IAMIT) to resolve. At the IAMIT meeting held on December 20, 1995, the Tri-Parties agreed to extend resolution of the dispute until February 15, 1996. During this timeframe, the Tri-Parties will be working on coming to agreement on the volume and cost estimates for key 100 and 300 Area sites, along with resolving issues related to the cost estimating model (MCACES). The models will then be rerun and the Long Range Plan adjusted accordingly. This will help determine the schedule for the 200-BP-11 OU and resolve the dispute. After the dispute has been resolved and upon agreement of a schedule, Rev. 0 of the document will be prepared.

200-BP-1 Operable Unit

Prototype Barrier Testing - The Pacific Northwest National Laboratory continues prototype barrier testing and monitoring. Civil surveys were completed in January and the FY 1995 Yearend Report was distributed (Ecology and EPA were on the distribution list).

200 Areas Strategy

Plans are being made to conduct a workshop with the Tri-Parties to provide input to a 200 Areas Remedial Action Strategy. The initial plans are to conduct a 2-day workshop in March 1996. Further discussions will be held with the regulatory agencies about conducting this workshop and the development of the strategy.

300 AREA**300-FF-1 Operable Unit**

Proposed Plan - Public review of the PP was initiated on December 4, 1995. The EPA extended the public review period from January 17, 1996, to February 9, 1996, based on public request. Written requests from the public to hold a public meeting were due on December 19, 1995. No written requests were received.

Feasibility Studies - A revised addendum incorporating corrected cost tables was prepared and issued to the regulatory agencies and trustees and was included in the administrative record in January. There were no changes to the PP as a result of the changes.

300 Area Process Trenches Modified Closure/Post Closure Plan - A revised addendum incorporating corrected cost tables was prepared and issued to the regulatory agencies and trustees and was included in the administrative record in January. There were no changes to the PP as a result of the changes.

Remedial Design - The remedial design Request for Proposal (RFP) was issued, and a preproposal meeting was conducted with potential bidders. The RFP bids are due back for evaluation on February 7, 1996.

300-FF-2 Operable Unit

RI/FS Work Plan - Ecology, DOE, and EPA have decided to cease completion of the Work Plan and proceed directly with the LFI Report. A Tri-Party Agreement Change Control Form has been submitted for DOE and EPA review. The draft DQO report was modified to incorporate DOE and regulatory comments and has been resubmitted for a final review.

Field Investigations - Soil sample analysis and technical verification were completed for the 600-22 waste site and the 400 Area Septic Tank Cistern site. Sampling analysis and technical verification for the first round of groundwater sampling was completed. Meetings between ERC and DOE have occurred to discuss the results from well 699-S6-E4A. A meeting with the regulators is being scheduled.

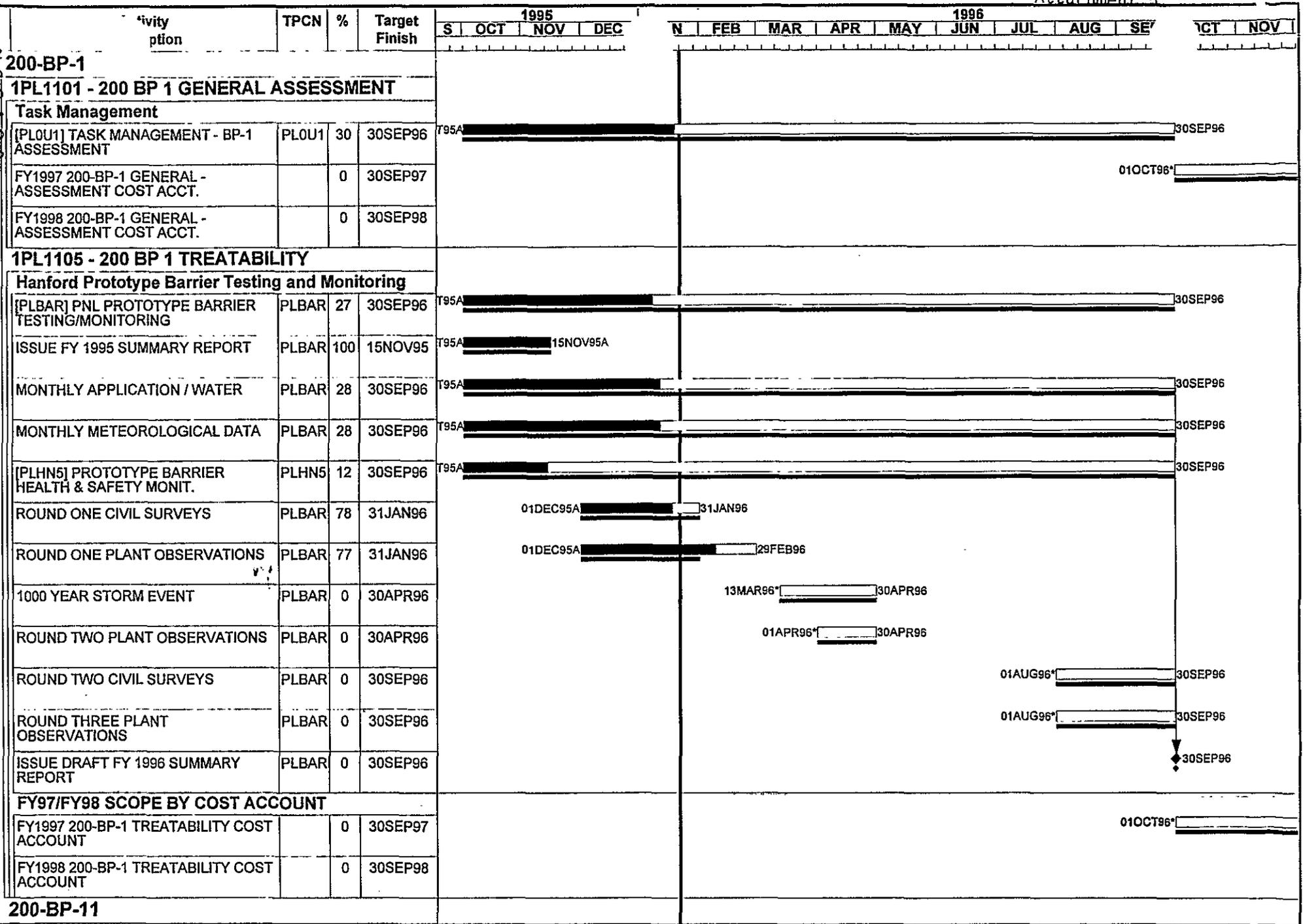
LFI Report - Approval to proceed with the draft outline was received, pending the approval of the Tri-Party Agreement Change Control Form concerning the work plan.

300-FF-5 Operable Unit

Proposed Plan - Same status as 300-FF-1 since the two documents have been combined into one plan.

Operations and Maintenance Plan - A DQO session was tentatively scheduled for February 21, 1996, at the January UMM.

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Project Start 28AUG95
 Project Finish 30SEP96
 Data Date 22JAN96
 Plot Date 05FEB96

Early Bar.
 Target Bar
 Progress Bar
 Critical Activity

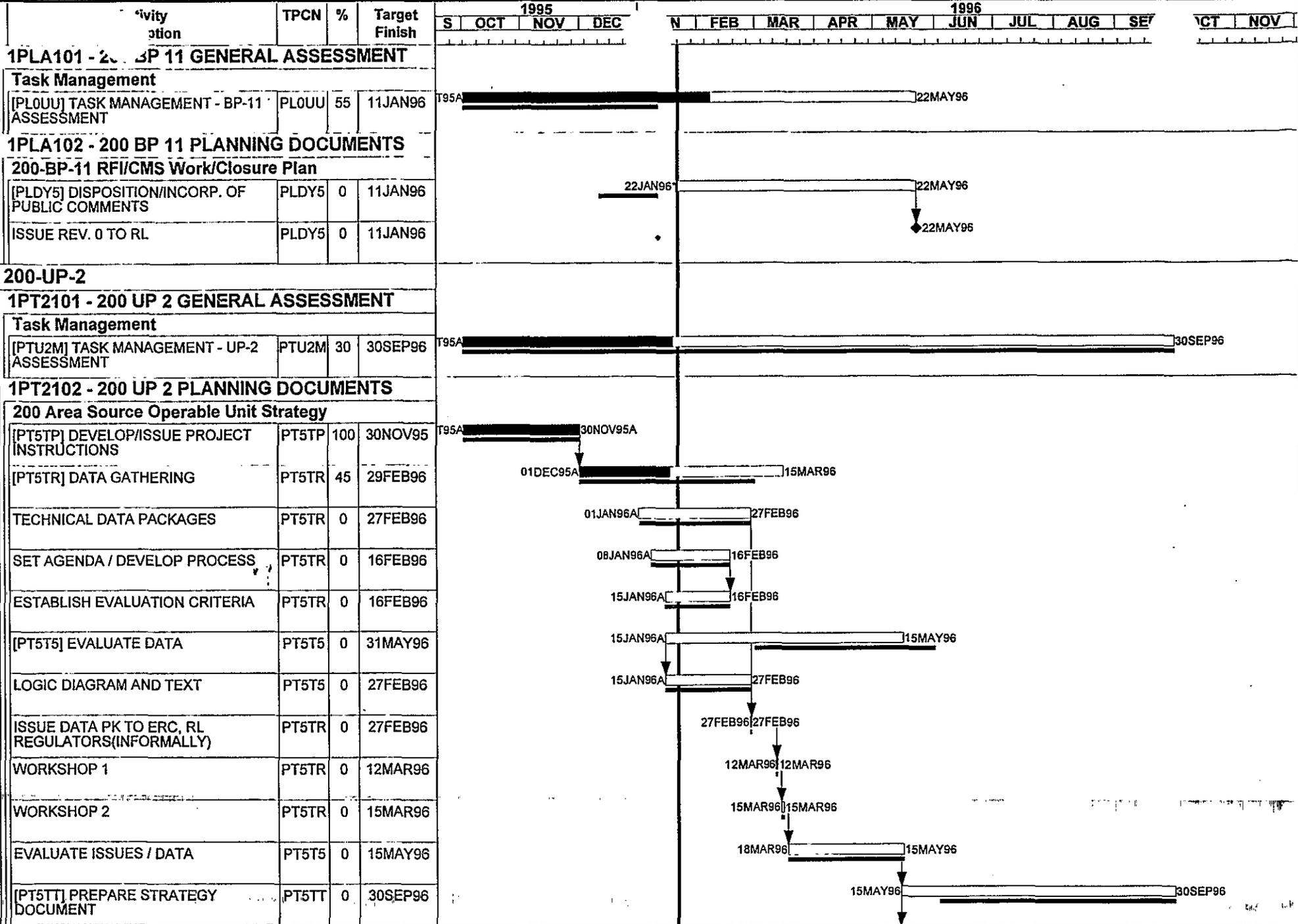
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ERC - RICHLAND
 200 AREA SOURCE
 PROJECT REVIEW

Sheet 1 of 5

| K. ROWE 2-9609 | | | |
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| Date | Revision | Checked | Approved |
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037392



Project Start 28AUG95
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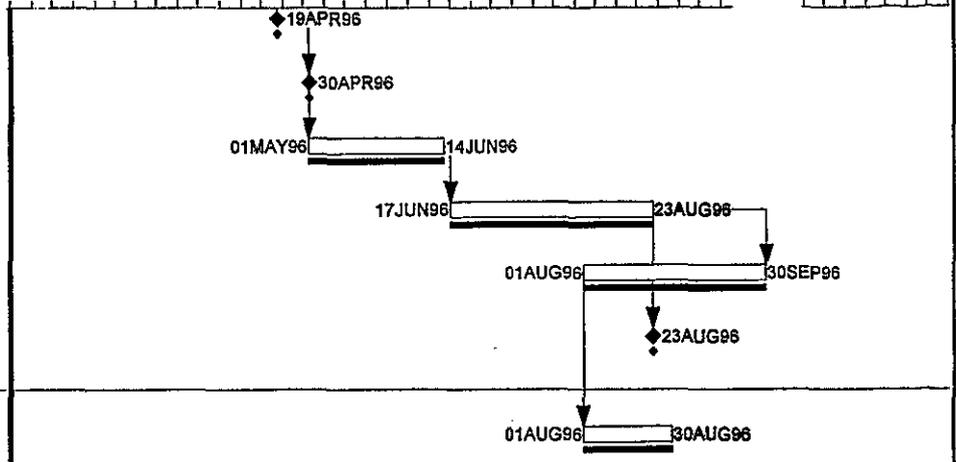
ERC - RICHLAND
 200 AREA SOURCE
 PROJECT REVIEW

Sheet 2 of 5

| K. ROWE 2-9609 | | | |
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| Activity | TPCN | % | Target Finish | 1995 | | | | 1996 | | | | | | | | | | | | |
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| | | | | S | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | | |
| SUBMIT IRM PROPOSED PLAN, DRAFT A. TO RL | PTPP6 | 0 | 19APR96 | | | | | | | | | | | | | | | | | |
| M-15-15D IRM PP., DRAFT A. TO REGS. FOR REVIEW | PTPP6 | 0 | 30APR96 | | | | | | | | | | | | | | | | | |
| REGULATOR REVIEW | PTPP6 | 0 | 14JUN96 | | | | | | | | | | | | | | | | | |
| [PTPP8] PREPARE IRM PROPOSED PLAN, REV. 0 | PTPP8 | 0 | 23AUG96 | | | | | | | | | | | | | | | | | |
| [PTPP9] PREP. FOR PUB. REV./UPDATE ADMIN. RECORD | PTPP9 | 0 | 30SEP96 | | | | | | | | | | | | | | | | | |
| SUBMIT IRM PROPOSED PLAN, REV. 0 TO RL | PTPP8 | 0 | 23AUG96 | | | | | | | | | | | | | | | | | |
| Part B Permit Modifications | | | | | | | | | | | | | | | | | | | | |
| [PTMOD] PERMIT MODIFICATION DOCUMENTATION | PTMOD | 0 | 30AUG96 | | | | | | | | | | | | | | | | | |



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|----------------|---------|--|-------------------|
| Project Start | 28AUG95 | | Early Bar |
| Project Finish | 30SEP98 | | Target Bar |
| Data Date | 22JAN98 | | Progress Bar |
| Plot Date | 05FEB98 | | Critical Activity |

BUCK

**ERC - RICHLAND
200 AREA SOURCE
PROJECT REVIEW**

Sheet 5 of 5

K. ROWE 2-9609

| Date | Revision | Checked | Approved |
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037392

| Activity ID | Activity Description | TPCN | % | Target Finish | 1995 | | | 1996 | | | | | | | | | | | | |
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| | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | | | |
| FY95 CARRYOVER ACTIVITIES-FS III DOCUMENT | | | | | | | | | | | | | | | | | | | | |
| 3A0050 | REWRITE - INCORPORATE COMMENTS IN FS III | P211A | 100 | 23OCT95 | | | 20NOV95A | | | | | | | | | | | | | |
| 3A0055 | DELIVER FINAL FS III TO DOE | P211A | 100 | 24OCT95 | | | 21NOV95A | | | 21NOV95A | | | | | | | | | | |
| FY95 CARRYOVER ACTS.-PROCESS TRENCH CLOSURE PLAN | | | | | | | | | | | | | | | | | | | | |
| 3A0400 | INCORPORATE REGULATOR COMMENTS & SUBMIT TO DOE | P211K | 100 | 23OCT95 | | | 22NOV95A | | | | | | | | | | | | | |
| 3A0405 | TRANSMIT FINAL CLOSURE PLAN TO DOE | P211K | 100 | 13NOV95 | | | 22NOV95A | | | 22NOV95A | | | | | | | | | | |
| 3A0410 | REGULATOR ADVANCED REVIEW PERIOD | P211K | 100 | 27NOV95 | | | 22NOV95A | | | 01DEC95A | | | | | | | | | | |
| 3A0415 | PUBLIC REVIEW | P211K | 100 | 31JAN96 | | | 04DEC95A | | | 17JAN96A | | | | | | | | | | |
| 3A0417 | PUBLIC REVIEW EXTENSION | P211K | 100 | | | | | | | 18JAN96A | | | | | | | | | | |
| 3A0420 | PUBLIC MEETING | P211K | 100 | 04JAN96 | | | | | | 25JAN96A | | | | | | | | | | |
| 300-FF-1 PROPOSED PLAN (INC. FY95 CARRYOVER) | | | | | | | | | | | | | | | | | | | | |
| 3A0150 | INCORPORATE REGULATOR COMMENTS AND REVISE | P211G | 100 | 23OCT95 | | | 16NOV95A | | | | | | | | | | | | | |
| 3A0155 | TRANSMIT FINAL PROPOSED PLAN TO DOE | P211G | 100 | 24OCT95 | | | 16NOV95A | | | 16NOV95A | | | | | | | | | | |
| 3A0160 | REGULATOR ADVANCED REVIEW PERIOD | P211G | 100 | 10OCT95 | | | 17NOV95A | | | 01DEC95A | | | | | | | | | | |
| 3A0165 | PUBLIC REVIEW | P211G | 100 | 09NOV95 | | | 04DEC95A | | | 17JAN96A | | | | | | | | | | |
| 3A0167 | PUBLIC REVIEW EXTENSION | P211G | 100 | | | | | | | 18JAN96A | | | | | | | | | | |
| 3A0170 | PUBLIC MEETING | P211G | 100 | 25OCT95 | | | | | | 25JAN96A | | | | | | | | | | |
| 3A0175 | SUPPORT FOR ROD ISSUE | P211G | 0 | 02FEB96 | | | | | | 12FEB96A | | | | | | | | | | |
| 3A0180 | ISSUE ROD | P211G | 0 | 07FEB96 | | | | | | | | | | | | | | | | |
| PRE-DESIGN REPORT | | | | | | | | | | | | | | | | | | | | |
| 3A0015 | PREPARE DRAFT PRE-DESIGN REPORT | P211M | 100 | 27OCT95 | | | 12DEC95A | | | | | | | | | | | | | |

| | | | |
|----------------|---------|-------------------|------|
| Project Start | 28AUG95 | Early Bar | FFF1 |
| Project Finish | 04NOV95 | Target Bar | |
| Data Date | 12FEB96 | Progress Bar | |
| Plot Date | 12FEB96 | Critical Activity | |

ERC - Richland
300 - FF - 1
Project Review

Sheet 1 of 4

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| W Lambert 2-9329 | | | |
| Date | Revision | Checked | Approved |
| | | | |
| | | | |
| | | | |

037392

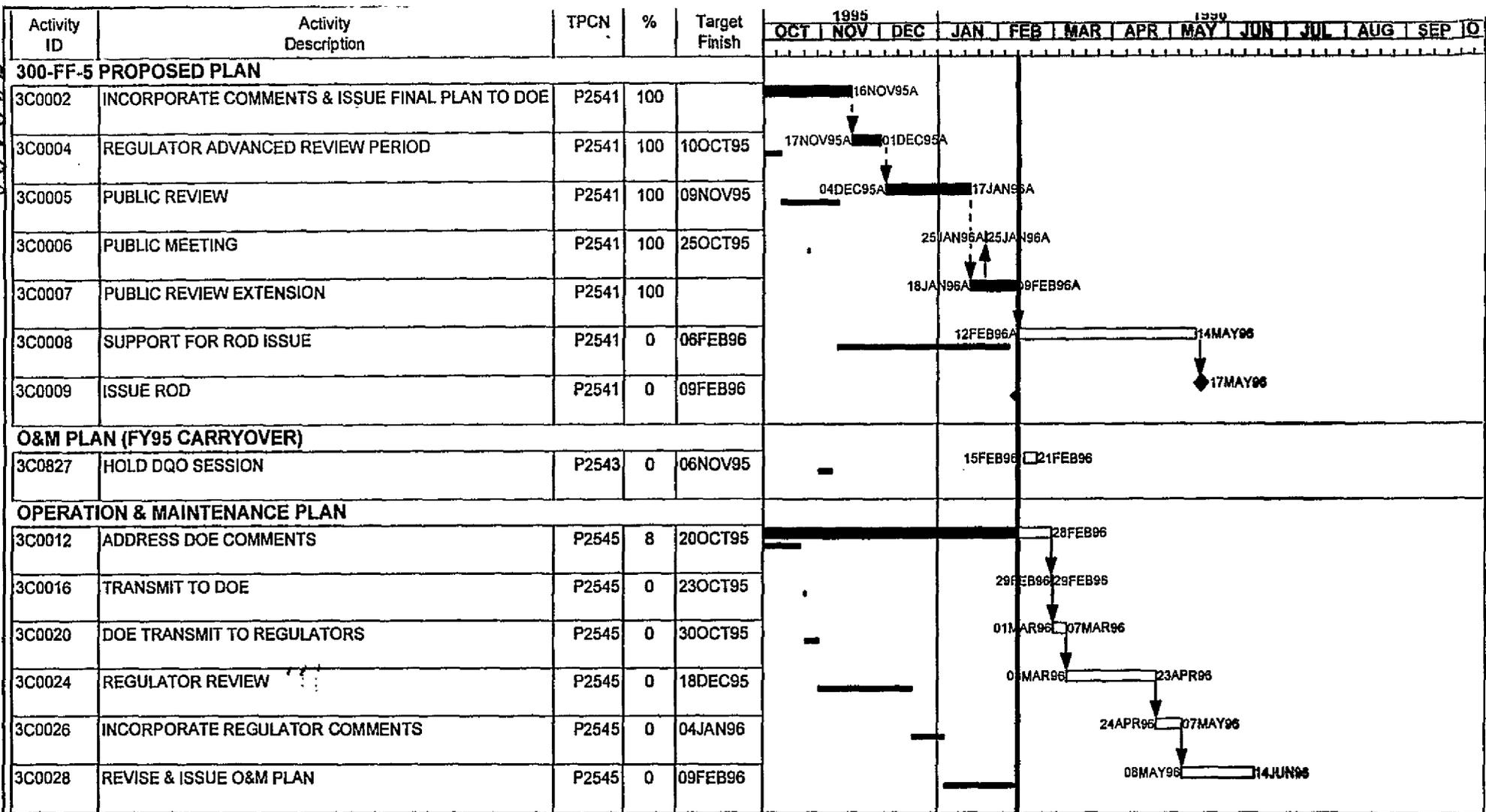
| Activity ID | Activity Description | TPCN | % | Target Finish | 1995 | | | 1996 | | | | | | | | | | | |
|---|---|-------|-----|---------------|------|-----|----------|----------|----------|---------|---------|---------|-----|-----|-----|-----|--|--|--|
| | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | | |
| 3A0020 | ERC REVIEW PRE-DESIGN REPORT | P211M | 100 | 03NOV95 | | | 12DEC95A | 18DEC95A | | | | | | | | | | | |
| 3A0030 | INCOR COMNTS, OBTN APLS, OF PRE-DGN RPT | P211M | 100 | 17NOV95 | | | 18DEC95A | | 11JAN96A | | | | | | | | | | |
| 3A0040 | ISSUE PRE-DESIGN REPORT | P211M | 100 | 17NOV95 | | | | | 11JAN96A | | | | | | | | | | |
| ENGINEERING SERVICES BID PACKAGE | | | | | | | | | | | | | | | | | | | |
| 3A0052 | PREPARE DRAFT TECHNICAL PACKAGE | P21A9 | 100 | 20OCT95 | | | 15NOV95A | | | | | | | | | | | | |
| 3A0060 | ERC REVIEW TECHNICAL PACKAGE | P21A9 | 100 | 27OCT95 | | | 15NOV95A | 20NOV95A | | | | | | | | | | | |
| 3A0070 | INCORPORATE COMMENTS INTO TECHNICAL PACKAGE | P21A9 | 100 | 03NOV95 | | | 21NOV95A | | 11JAN96A | | | | | | | | | | |
| 3A0080 | ISSUE TO PROCUREMENT | P21A9 | 100 | 03NOV95 | | | | | 11JAN96A | | | | | | | | | | |
| REMEDIAL DESIGN - PROCUREMENT | | | | | | | | | | | | | | | | | | | |
| 3A0090 | PREPARE/ISSUE RFP FOR ENGINEERING SERVICES | P2110 | 100 | 10NOV95 | | | 27NOV95A | | 12JAN96A | | | | | | | | | | |
| 3A0100 | BID PERIOD | P2110 | 78 | 05DEC95 | | | | 15JAN96A | | 13FEB96 | | | | | | | | | |
| 3A0105 | PRE-BID MEETING & SITE VISIT | P2110 | 100 | | | | | 24JAN96A | 24JAN96A | | | | | | | | | | |
| 3A0120 | EVALUATE BID PACKAGE | P2110 | 0 | 12DEC95 | | | | | 08FEB96A | 13FEB96 | | | | | | | | | |
| 3A0125 | RECEIVE FROM DOE, NOTICE TO PROCEED WRD | P2110 | 0 | | | | | | | 13FEB96 | | | | | | | | | |
| 3A0130 | AWARD SUBCONTRACT | P2110 | 0 | 12DEC95 | | | | | | 13FEB96 | | | | | | | | | |
| 3A0110 | RECEIVE PROPOSALS | P2110 | 0 | 05DEC95 | | | | | | 14FEB96 | | | | | | | | | |
| REMEDIAL DESIGN ENGINEERING | | | | | | | | | | | | | | | | | | | |
| 3A0140 | PREPARE 30% DRAFT RDS | P211R | 0 | 26JAN96 | | | | 14FEB96 | | 02APR96 | | | | | | | | | |
| 3A0142 | TEAM REVIEW 30% DRAFT | P211R | 0 | 09FEB96 | | | | | 03APR96 | 16APR96 | | | | | | | | | |
| 3A0144 | PREPARE 60% DRAFT RD | P211R | 0 | 11MAR96 | | | | | 17APR96 | 14MAY96 | | | | | | | | | |
| 3A0146 | TEAM REVIEW - 60% DRAFT | P211R | 0 | 25MAR96 | | | | | | 15MAY96 | 12JUN96 | | | | | | | | |
| 3A0148 | PREPARE 90% DRAFT RD | P211R | 0 | 22APR96 | | | | | | | 18JUN96 | 12JUL96 | | | | | | | |

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| Activity ID | Activity Description | TPCN | % | Target Finish | 1995 | | | 1996 | | | | | | | | | | |
|-------------|-----------------------------|-------|---|---------------|------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|--|---------|
| | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | |
| 3A0335 | PREPARE FOR REMEDIAL ACTION | P21C2 | 0 | | | | | | | | | | | | | | | 01AUG96 |

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|----------------|---------|--|-------------------|
| Project Start | 28AUG95 | | Early Bar |
| Project Finish | 08JUL96 | | Target Bar |
| Data Date | 12FEB96 | | Progress Bar |
| Plot Date | 14FEB96 | | Critical Activity |

FFFS

ERC - Richland
300 - FF - 5
Project Review

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| W Lambert 2-8320 | | | |
| Date | Prepared | Checked | Approved |
| | | | |
| | | | |
| | | | |

Distribution

037392

Unit Managers' Meeting: Remedial Action Unit/Source Operable Units
100, 200, and 300 Areas

Nancy Werdel DOE-RL, RP (H0-12)
Mike Thompson DOE-RL, RP (H0-12)
Glenn Goldberg DOE-RL, RP (H0-12)
John Murphy DOE-RL, RP (H0-12)
Rich Holten DOE-RL, RP (H0-12)
Nicole Kimball DOE-RL, RP (H0-12)
Bryan Foley DOE-RL, RP (H0-12)
Robert McLeod DOE-RL-ERD (H0-12)
Ellen Mattlin DOE-RL, EAP (A5-15)

Lisa Treichel DOE-HQ (EM-442)
Steve Balone DOE-HQ (EM-442)

Dennis Faulk 100 Aggregate Area Manager, EPA (B5-01)
David Einan EPA (B5-01)
Paul Beaver EPA (B5-01)
Larry Gadbois EPA (B5-01)
Kevin Oates EPA (B5-01)

Phil Staats 100 Aggregate Area Manager, WDOE (B5-18)
Chuck Cline WDOE (Lacey)
Wayne Soper WDOE (Kennewick) (B5-18)
Ted Wooley WDOE (Kennewick) (B5-18)
Gary Freedman WDOE (Kennewick) (B5-18)
Norman Hepner WDOE (Kennewick) (B5-18)
David Holland WDOE (Kennewick) (B5-18)
Keith Holliday WDOE (Kennewick) (B5-18)

Lynn Albin Washington Dept. of Health

V. R. Dronen (H0-17)
G. O. Gesell (H0-17)
T. L. Lundquist (H0-17)
J. R. James (H0-17)
G. E. Van Sickle (H0-17)
G. B. Mitchem (H0-17)
C. R. Johnson (H0-17)
R. A. Carlson (H0-17)
L. C. Hulstrom (H9-11)
M. J. Galgoul (H9-12)
Alvina Goforth BHI DIS (H0-09) Kay Kimmel MAC (B1-42)
T. M. Wintczak BHI (H0-11)
Andrea Hopkins BHI (H9-11)
Tom Page (Please route to:) PNNL (K9-18)
Cheryl Thornhill PNNL (K9-14)
Mark Hanson PNNL (K9-02)
Steve Slate PNNL (K9-14)

Please inform Tamen Lundquist (372-9562) of BHI
of deletions or additions to the distribution list. Attachment #1